

CLAIMS

What is claimed is:

1. A method for selecting a DSP route for a digital message,
5 the method comprising the steps of:
- a) providing a unique prioritization tag for the digital
message;
 - b) supplying prioritized criteria from the user to an
overlay software;
 - c) choosing the DSP route by evaluating the prioritized
criteria in the overlay software; and
 - 15 d) routing the digital message through the chosen DSP
route.
2. The method of claim 1 further comprising the step of
20 tracking the chosen DSP route for accounting purposes.

Sub
A3
cont

3. The method of claim 2 further comprising the step of
preparing a billing record of the chosen DSP route.

4. The method of claim 1 further comprising repeating steps
5 a) through d) for a next user.

5. The method of claim 1 further comprising repeating steps
a) through d) for a next digital message.

10 6. The method of claim 1 wherein said prioritized criteria
comprises at least one of the following criteria:

a) cost of sending the digital message;

15 b) speed of delivery of the digital message;

c) security of the digital message; and

d) integrity of the digital message.

Sub
A3
Cmt

7. The method of claim 1 wherein the step of choosing a DSP route is performed at a member of the group consisting of a vehicle, a user initiation facility, and a government control facility.

5 8. The method of claim 1 wherein the step of tagging comprises manual tagging.

9. The method of claim 1 wherein the step of tagging comprises automatic tagging.

10 10. The method of claim 1 wherein said overlay software comprises at least one of the following:

lookup tables;

15 logarithmic calculations and real-time information on cost;

available DSP routes; and

DSP route status information.

11. The method of claim 10 further comprising the step of
20 updating the real-time information.

12. The method of claim 11 wherein the step of updating comprises time-based updates.

13. The method of claim 11 wherein the step of updating
5 comprises querying at least one DSP provider.

14. An avionics routing method for digital messages, the method comprising the steps of:

- 10
- a) providing a unique prioritization tag for a digital message;
- 15
- b) supplying prioritized criteria from the user to an overlay software;
- c) evaluating the prioritized criteria by the overlay software;
- 20
- d) choosing a DSP route from at least two DSP service providers by the overlay software; and

e) transmitting the digital message through the chosen DSP route.

15. The method of claim 14 further comprising the step of
5 tracking the chosen DSP route for accounting purposes.

16. The method of claim 14 further comprising repeating steps
a) through e) for a next digital message.

10 17. The method of claim 14 wherein said prioritized criteria
comprises at least one of the following criteria:

a) a cost of sending the digital message;

15 b) speed of delivery of the digital message;

c) security of the digital message; and

d) integrity of the digital message.

20

18. The method of claim 14 wherein said overlay software
comprises at least one of the following:

Sub
AB
Cont

- logarithmic calculations and real-time information on cost;

DSP route status information.

Sub
5
AM
Cont.